



Professional Engineer - I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No.: 33216 Expiration Date: 7/12/14

GEOMETRIC LEGEND
--- EXISTING
--- PROPOSED



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"Merging Innovation and Excellence"®

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION.
NONE.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MAINTENANCE OF TRAFFIC
LUMP SUM	LS	MOBILIZATION
10	EA	HANDHOLE
3000	LF	6 STRAND MULTIMODE FIBER OPTIC INTERCONNECT CABLE
3	EA	FIBER OPTIC CONNECTOR
2200	LF	3 IN. PVC CONDUIT [SCHEDULE 80] - TRENCHED
40	LF	3 IN. PVC CONDUIT [SCHEDULE 80] - BORED
1400	LF	RELOCATE EXISTING UNDERGROUND FIBER OPTIC INTERCONNECT CABLE
3100	LF	REMOVE EXISTING UNDERGROUND FIBER OPTIC INTERCONNECT CABLE
LUMP SUM	LS	REMOVE EXISTING SIGNAL EQUIPMENT

CONSTRUCTION DETAILS

- INSTALL HANDHOLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- USE EXISTING CABINET, DISCONNECT EXISTING INTERCONNECT CABLE. (TRADE ZONE AVE. TO LEELAND RD. RUN)
- USE EXISTING HANDHOLE, PULL-BACK EXISTING INTERCONNECT CABLE, RE-ROUTE IN PROPOSED CONDUIT BACK TO EXISTING CABINET. (TRADE ZONE AVE. TO LEELAND RD. RUN)
- USE PROPOSED HANDHOLE (SEE TRAFFIC SIGNAL PLAN FOR DETAILS).
- USE PROPOSED CONDUIT (SEE TRAFFIC SIGNAL PLAN FOR DETAILS).
- USE EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.
- USE EXISTING CABINET, DISCONNECT AND REMOVE EXISTING INTERCONNECT CABLE (BEECH TREE PKWY. TO LEELAND RD. RUN). INSTALL NEW INTERCONNECT CABLE IN PROPOSED CONDUIT BACK TO EXISTING CABINET AT LEELAND ROAD.

MD-AMD Tracking No.: 04APPG016



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 301 (CRAIN HIGHWAY) FROM
LEELAND ROAD TO BEECH TREE PARKWAY
UPPER MARLBORO, MARYLAND

INTERCONNECT PLAN

SCALE: 1" = 50' DATE: AUGUST 3, 2012 CONTRACT NO.: BW996M82

DESIGNED BY: F. BROWNLEY COUNTY: PRINCE GEORGE'S
DRAWN BY: F. BROWNLEY LOGMILE:
CHECKED BY: J. DIRNDORFER TMS NO.: H570
F.A.P. NO.: N/A TOD NO.: N/A

TS NO.: 12388 A DRAWING: IC - 01 OF 01 SHEET NO.: 2 OF 2

PLOTTED: Friday, August 03, 2012 AT 10:21 AM
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